

Amendments to the Claims

This listing of claims will replace all prior versions, and listings, of claims in the application.

Listing of the Claims:

Claim 1 (currently amended) An azetidinium functionalised polymer containing secondary amine groups: wherein the monomers comprise:

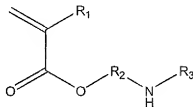
- a) an amino-acrylate and/or amino-alkacrylate monomer, and,
- b) optionally, further non-amino acrylate and/or alkacrylate monomers.

Claim 2 (cancel)

Claim 3 (Previously Presented) A textile treatment composition which comprises a polymer in accordance with claim 1 and a textile compatible carrier.

Claim 4 (Original) A textile treatment composition according to claim 3 wherein the concentration of the polymer is such as to give 0.01-1%wt on weight of textile material being treated.

Claim 5 (Original) A polymer according to claim 2 wherein the amine containing acrylate monomers have the general structure:



wherein

R₁ is hydrogen or a C₁-C₆ alkyl,

R₂ is C₁-C₆, alkyl, alkoxy or repeating units thereof,

and,

R₃ is hydrogen or C₁-C₆ alkyl, alkoxy or repeating units thereof.

Claim 6 (previously presented) A polymer according to claim 2 wherein the amine containing acrylate monomers include one or more of 2-Aminoethyl methacrylate, and, 2-(tert-butylamino)ethyl methacrylate.

Claim 7 (Original) A polymer according to claim 2 wherein the non-amino acrylate and/or alkacrylate monomers are of the general formula:



where:

R₁ is hydrogen or a C₁-C₆ alkyl, alkoxy or repeat units thereof,

R₄ is a functional group does not contain an amine.

Claim 8 (previously presented) A polymer according to claim 7 wherein R₄ is a polyalkyleneglycol.

Claim 9 (previously presented) A polymer according to claim 8 wherein the non-amino monomer is one or more of

poly(ethyleneglycol)methacrylate, poly(propyleneglycol)methacrylate,

poly(ethyleneglycol)acrylate, and,

poly(propylene glycol)acrylate.

Claim 10 (previously presented) A polymer according to claim 7 wherein R₄ is poly(dialkyl siloxane) or poly(alklene glycol) fatty ether.

Claim 11 (previously presented) A polymer according to claim 7 wherein R₄ is one or more of one or more of:

2,2,3,3,4,4,5,5-Octafluoropentyl acrylate,
2,2,3,3,4,4,5,5-Octafluoropentyl methacrylate,
2,2,3,3,4,4-Hexafluorobutyl acrylate,
2,2,3,3,4,4-Hexafluorobutyl methacrylate,
1,1,3,3,5,5-Hexafluoroisopropyl acrylate, and,
1,1,3,3,5,5-Hexafluoroisopropyl methacrylate.